



**Does Not Comply
Corrected Diskette Needed**

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/079,075

DATE: 03/04/2002

TIME: 15:26:18

Input Set : A:\A34001-A sequence listing.txt

Output Set: N:\CRF3\03042002\J079075.raw

```

4 <110> APPLICANT: Ronald C. Montelaro
5      Timothy A. Mietzner
7 <120> TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
10 <130> FILE REFERENCE: A34001-A / 072396.0222
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/079,075
C--> 13 <141> CURRENT FILING DATE: 2002-02-19
W--> 15 <140> CURRENT APPLICATION NUMBER: 09/785,059
C--> 16 <141> CURRENT FILING DATE: 16/02/01
18 <160> NUMBER OF SEQ ID NOS: 12
20 <170> SOFTWARE: FastSEQ for Windows Version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 28
24 <212> TYPE: PRT
C--> 25 <213> ORGANISM: Artifical sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
30 <400> SEQUENCE: 1
31   Arg Val Ile Arg Val Val Gln Arg Ala Cys Arg Ala Ile Arg His Ile
32   1           5           10           15
33   Val Arg Arg Ile Arg Gln Gly Leu Arg Arg Ile Leu
34           20           25
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 31
38 <212> TYPE: PRT
C--> 39 <213> ORGANISM: Artifical sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
44 <400> SEQUENCE: 2
45   Arg Val Ile Arg Val Val Gln Arg Ala Cys Arg Ala Ile Arg His Ile
46   1           5           10           15
47   Val Arg Arg Ile Arg Gln Gly Leu Arg Arg Ile Leu Arg Val Val
48           20           25           30
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 31
52 <212> TYPE: PRT
C--> 53 <213> ORGANISM: Artifical sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
58 <400> SEQUENCE: 3
59   Arg Trp Ile Arg Val Val Gln Arg Trp Cys Arg Ala Ile Arg His Ile
60   1           5           10           15
61   Trp Arg Arg Ile Arg Gln Gly Leu Arg Arg Trp Leu Arg Val Val
62           20           25           30

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64 <210> SEQ ID NO: 4
65 <211> LENGTH: 12
66 <212> TYPE: PRT
C--> 67 <213> ORGANISM: Artifical sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
72 <400> SEQUENCE: 4
73 Arg Val Val Arg Val Val Arg Arg Val Val Arg Arg
74 1 5 10
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 24
78 <212> TYPE: PRT
C--> 79 <213> ORGANISM: Artifical sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
84 <400> SEQUENCE: 5
85 Arg Arg Val Val Arg Arg Val Arg Arg Val Val Arg Arg Val Val Arg
86 1 5 10 15
87 Val Val Arg Arg Val Val Arg Arg
88 20
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 36
92 <212> TYPE: PRT
C--> 93 <213> ORGANISM: Artifical sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
98 <400> SEQUENCE: 6
99 Val Arg Arg Val Val Arg Arg Val Val Arg Val Val Arg Arg Val Val
100 1 5 10 15
101 Arg Arg Val Arg Arg Val Val Arg Arg Val Val Arg Val Val Arg Arg
102 20 25 30
103 Val Val Arg Arg
104 35
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 42
108 <212> TYPE: PRT
C--> 109 <213> ORGANISM: Artifical sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
114 <400> SEQUENCE: 7
115 Arg Arg Val Val Arg Arg Val Arg Arg Val Val Arg Arg Val Val Arg
116 1 5 10 15
117 Val Val Arg Arg Val Val Arg Arg Val Arg Arg Val Val Arg Arg Val
118 20 25 30
119 Val Arg Val Val Arg Arg Val Val Arg Arg
120 35 40
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 48
124 <212> TYPE: PRT

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C--> 125 <213> ORGANISM: Artifical sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
130 <400> SEQUENCE: 8
131 Arg Val Val Arg Val Val Arg Arg Val Val Arg Arg Val Arg Val
132 1 5 10 15
133 Val Arg Arg Val Val Arg Val Val Arg Val Val Arg Arg Val Arg
134 20 25 30
135 Arg Val Val Arg Arg Val Val Arg Val Val Arg Arg Val Val Arg Arg
136 35 40 45
138 <210> SEQ ID NO: 9
139 <211> LENGTH: 12
140 <212> TYPE: PRT
C--> 141 <213> ORGANISM: Artifical sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
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147 Arg Val Val Arg Val Val Arg Arg Trp Val Arg Arg
148 1 5 10
150 <210> SEQ ID NO: 10
151 <211> LENGTH: 24
152 <212> TYPE: PRT
C--> 153 <213> ORGANISM: Artifical sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
158 <400> SEQUENCE: 10
159 Arg Arg Trp Val Arg Arg Val Arg Arg Val Trp Arg Arg Val Val Arg
160 1 5 10 15
161 Val Val Arg Arg Trp Val Arg Arg
162 20
164 <210> SEQ ID NO: 11
165 <211> LENGTH: 36
166 <212> TYPE: PRT
C--> 167 <213> ORGANISM: Artifical sequence
169 <220> FEATURE:
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172 <400> SEQUENCE: 11
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174 1 5 10 15
175 Arg Arg Val Arg Arg Val Trp Arg Arg Val Val Arg Val Val Arg Arg
176 20 25 30
177 Trp Val Arg Arg
178 35
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 48
182 <212> TYPE: PRT
C--> 183 <213> ORGANISM: Artifical sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: artificial peptides derived from HIV-1

```

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188 <400> SEQUENCE: 12

189 Arg Val Val Arg Val Val Arg Arg Trp Val Arg Arg Val Arg Arg Val

190 1 5 10 15

191 Trp Arg Arg Val Val Arg Val Val Arg Arg Trp Val Arg Arg Val Arg

192 20 25 30

193 Arg Val Trp Arg Arg Val Val Arg Val Val Arg Arg Trp Arg Val Val

194 35 40 45

201 NY02:370932.1

213 NY02:370932.1

225 NY02:371687.1

- delete

VERIFICATION SUMMARY

DATE: 03/04/2002

PATENT APPLICATION: US/10/079,075

TIME: 15:26:19

Input Set : A:\A34001-A sequence listing.txt

Output Set: N:\CRF3\03042002\J079075.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:15 M:280 W: Numeric Identifier already exists, <140> found multiple times
L:15 M:281 W: Numeric Fields not Ordered, <140> not ordered!.
L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:280 W: Numeric Identifier already exists, <141> found multiple times
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:16 M:256 W: Invalid Numeric Header Field, Wrong Current FILING DATE:YYYY-MM-DD
L:25 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:39 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:53 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:67 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:79 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:93 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:109 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:125 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:141 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:153 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:167 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:183 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12